AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method[[,]] comprising:

specifying [[a]] one or more first transport ~~format~~ formats for [[a]] first ~~service~~ services and a second transport format for a second service, the first ~~service~~ services having ~~a first type of~~ higher data rate dynamics ~~and~~ than the second service ~~having a second type of data rate dynamics~~;

transmitting a combination of data for the first services and data for the second service over a first channel based on the first and second transport formats;

signaling, in-band in [[a]] the first channel, the one or more first transport ~~format~~ formats for the first services ~~service~~; and

signaling, in a second channel, the second transport format for the second service, the first channel and the second channel comprising separate channels~~; and~~

~~transmitting data for the first service and data for the second service over a common physical channel based on the first transport format and the second transport format~~.

2. (Currently Amended) The method of claim 1, wherein ~~the~~ all data is transmitted via a radio interface of a radio communication system.

3. (Previously Presented) The method of claim 2, wherein the radio interface comprises broadband frequency channels that include the first and second channels; and

wherein the first and second channels are separated by at least one of a spread code and a time slot.

4. (Previously Presented) The method of claim 1, wherein the second channel comprises a monitoring channel.

5. (Currently Amended) The method of claim 1, wherein data rate dynamics corresponds to a fluctuation in data rate over time, the ~~first type of data~~ higher rate dynamics having a higher fluctuation in data rate over time than ~~the second type of~~ lower data rate dynamics; and

wherein signaling the second transport format occurs if a data rate for the second ~~type of data rate dynamics~~ services changes.

6. (Currently Amended) The method of claim 1, further comprising:

mapping data for the first and second services onto a coded common transport channel~~,~~ ~~the coded common transport channel corresponding to the common physical channel~~; and

spreading data on the coded common transport channel over a plurality of physical channels, at least one of the physical channels including the first channel.

7. (Currently Amended) The method of claim 1, further comprising:

signaling a partial information item, the partial information item corresponding to a combination of transport formats for services with a specific type of data rate dynamics, the specific type of data rate dynamics comprising the ~~first type of~~ higher data rate dynamics, the partial information item comprising a binary code having a number that is less than a total number of permitted combinations of services.

8. (Currently Amended) The method of claim 7, wherein the data is transmitted over the first ~~common physical~~ channel in frames; and

wherein the partial information item is transmitted in at least one of the frames.

9. (Currently Amended) The method of claim 7, wherein the data is transmitted over the ~~common physical~~ first channel in frames; ~~and~~

wherein the method further comprises setting a signaling capacity in at least one of the first channel and the second channel; and

wherein the partial information item is signaled via a plurality of frames.

10. (Currently Amended) A communication system comprising:

~~data transmission~~ means for transmitting data for a combination of first ~~service~~ services and ~~for~~ a second service over a ~~common physical~~ first channel, the first ~~service~~ services having a

~~first type of~~ higher data rate dynamics ~~and~~ than the second service ~~having a second type of data rate dynamics~~; and

~~signaling~~ means for:

(i) signaling, in-band in [[a]] the first channel, ~~the~~ one or more first transport ~~format~~ formats for the first services ~~service~~; and

(ii) signaling, in a second channel, ~~the~~ a second transport format for the second service, the first channel and the second channel comprising separate channels.

11. (Currently Amended) The communication system of claim 10, wherein data rate dynamics corresponds to a fluctuation in data rate over time, the ~~first type of~~ higher data rate dynamics having a higher fluctuation in data rate over time than the ~~second type of~~ lower data rate dynamics.

12. (Previously Presented) The communication system of claim 10, wherein the second channel comprises a monitoring channel.

13. (Currently Amended) The communication system of claim 11, wherein the ~~signaling~~ means for signaling signals the second transport format if a data rate changes for the ~~second type of data rate dynamics~~ the second service.

14. (Currently Amended) The communication system of claim 10, further comprising:

~~mapping~~ means for mapping data for the first and second services onto a coded common transport channel~~, the coded common transport channel corresponding to the common physical channel~~; and

means for spreading data on the coded common transport channel over a plurality of physical channels, at least one of the physical channels including the first channel.

15. (Currently Amended) The communication system of claim 10, wherein the ~~data transmission~~ means for transmitting comprises a radio communication system.

16. (Currently Amended) The communication system of claim 10, wherein the ~~signaling~~ means for signaling signals a partial information item, the partial information item corresponding to transport formats for services with a specific type of data rate dynamics, the specific type of data rate dynamics comprising ~~the first type of~~ higher data rate dynamics for the first services, the partial information item comprising a binary code having a number that is less than a total number of permitted combinations of services.

17. (Currently Amended) The communication system of claim 16, wherein the data is transmitted over the ~~common physical~~ first channel in frames, and the partial information item is transmitted in at least one of the frames.

18. (Currently Amended) The communication system of claim 16, wherein the data is transmitted over the ~~common physical~~ first channel in frames; and

wherein the communication system further comprises:

~~setting~~ means for setting a signaling capacity in at least one of the first channel and the second channel; and

~~transmitting~~ means for transmitting the partial information item via a plurality of frames.

19. (Currently Amended) The method of claim 1, wherein data rate dynamics corresponds to a fluctuation in data rate over time, the ~~first type of~~ higher data rate dynamics having a higher fluctuation in data rate over time than ~~the second type of~~ lower data rate dynamics.

20. (Currently Amended) The method of claim 19, further comprising:

detecting a change in a data rate for the second service ~~first type of data rate dynamics~~; and

in response to the change, signaling a new transport format in the second channel.

21. (Previously Presented) The method of claim 19, further comprising:

signaling a standard data rate at a beginning of a connection to a receiver, the receiver for receiving transmitted data for the first service and the second service; and

signaling a data rate of zero at an end of the connection.

22. (Previously Presented) The method of claim 1, further comprising:

evaluating the data at a receiver based on the first and second transport formats.

23. (Currently Amended) The communication system of claim 10, further comprising:

a receiver to receive the data from the ~~data transmission~~ means for transmitting, the receiver comprising ~~evaluation~~ means for evaluating the data based on the first and second transport formats